

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E70169

Participation : CTR

Employer : Pacific Lutheran University

Status : Affected

Worksite : Pacific Lutheran University

Survey Type : Online

Street : 12180 Park Ave S

Response Rate : 76%

Jurisdiction : Unincorporated Pierce County

Survey Date : 5/9/2018

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 18.7%

Drive Alone Rate : 81.3%

One-Way VMT per employee : 12.8

Average One-Way distance home to work : 14.9

Employees and Survey Response Information

Reported Total Employees at Worksite: 880

Surveys Distributed : 664

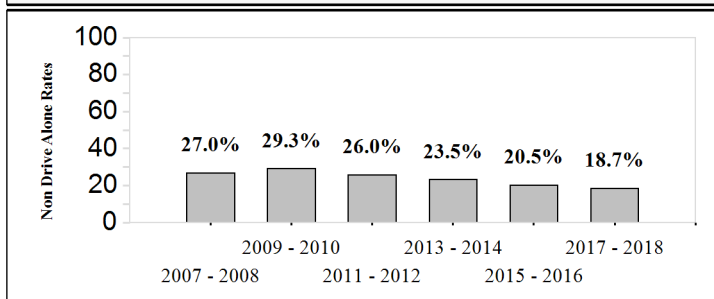
Surveys Returned : 507

Surveys Returned by CTR Affected* Employees : 430

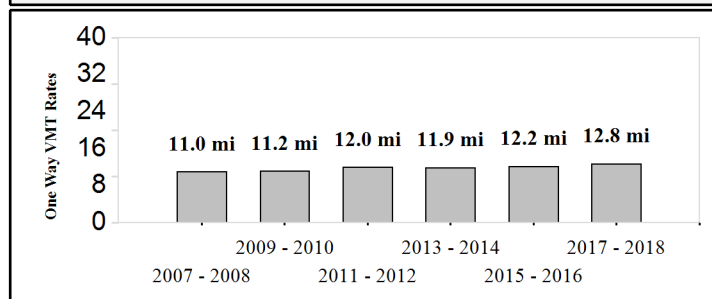
Total Estimated CTR Affected Employees at Worksite : 563

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

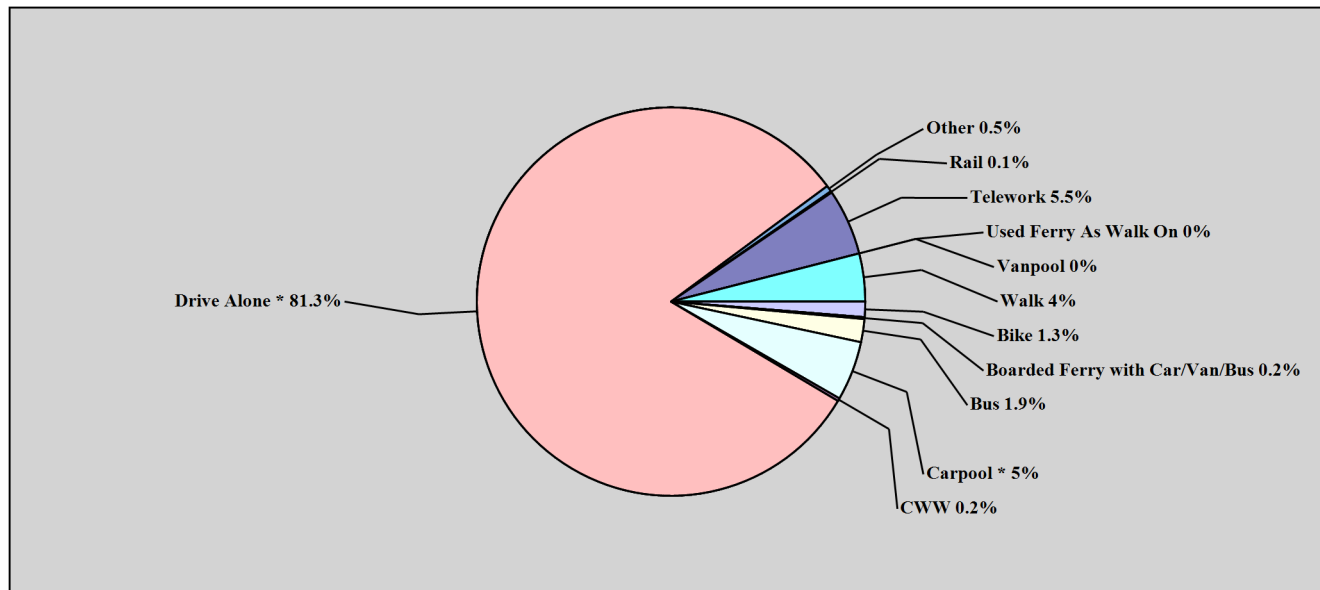
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	27.0%	26.9%	1260	2253	22.6	11.0	10.7
2009 - 2010	29.3%	28.7%	1369	2429	24.3	11.2	11.4
2011 - 2012	26.0%	25.9%	1520	2578	25.8	12.0	11.9
2013 - 2014	23.5%	23.9%	1539	1974	19.8	11.9	12.0
2015 - 2016	20.5%	21.1%	1404	1828	18.3	12.2	12.1
2017 - 2018	18.7%	17.9%	1424	2471	24.8	12.8	12.8
Target	33.0%				Target:	9.0	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-8.3				% Change from Baseline:	16.4%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



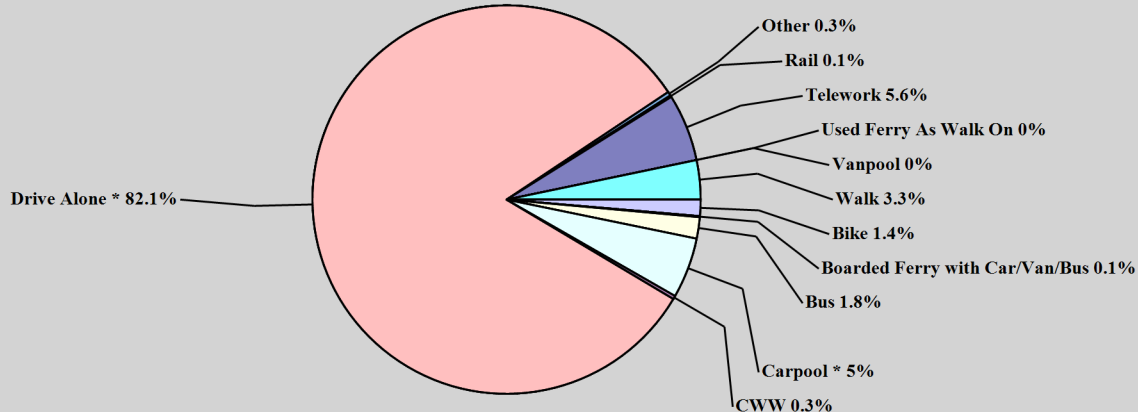
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,037	81.3%	79.5%	453	89.3%	89.2%
Carpool *	124	5.0%	7.3%	47	9.3%	13.3%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	48	1.9%	2.5%	17	3.4%	4.1%
Rail	3	0.1%	0.1%	2	0.4%	0.5%
Bike	32	1.3%	1.2%	12	2.4%	2.3%
Walk	100	4.0%	2.9%	21	4.1%	3.2%
Telework	138	5.5%	5.2%	78	15.4%	14.4%
CWW	6	0.2%	0.1%	4	0.8%	0.7%
Boarded Ferry with Car/Van/Bus	4	0.2%	0.2%	2	0.4%	0.2%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	13	0.5%	1.0%	6	1.2%	1.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,758	82.1%	78.9%	387	90.0%	89.1%
Carpool *	108	5.0%	8.0%	40	9.3%	14.1%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	38	1.8%	2.5%	13	3.0%	4.1%
Rail	3	0.1%	0.2%	2	0.5%	0.6%
Bike	29	1.4%	1.3%	11	2.6%	2.4%
Walk	70	3.3%	2.5%	15	3.5%	2.8%
Telework	120	5.6%	5.4%	67	15.6%	15.6%
CWW	6	0.3%	0.2%	4	0.9%	0.9%
Boarded Ferry with Car/Van/Bus	2	0.1%	0.0%	1	0.2%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	7	0.3%	1.1%	4	0.9%	1.5%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	344	68%	507	100%
1 Days	56	11%	163	32%
2 Days	33	7%	107	21%
3 Days	15	3%	74	15%
4 Days	15	3%	59	12%
5 Days	31	6%	44	9%
6 or More Days	13	3%	13	3%

Count by Occupancy of Carpools and Vanpools

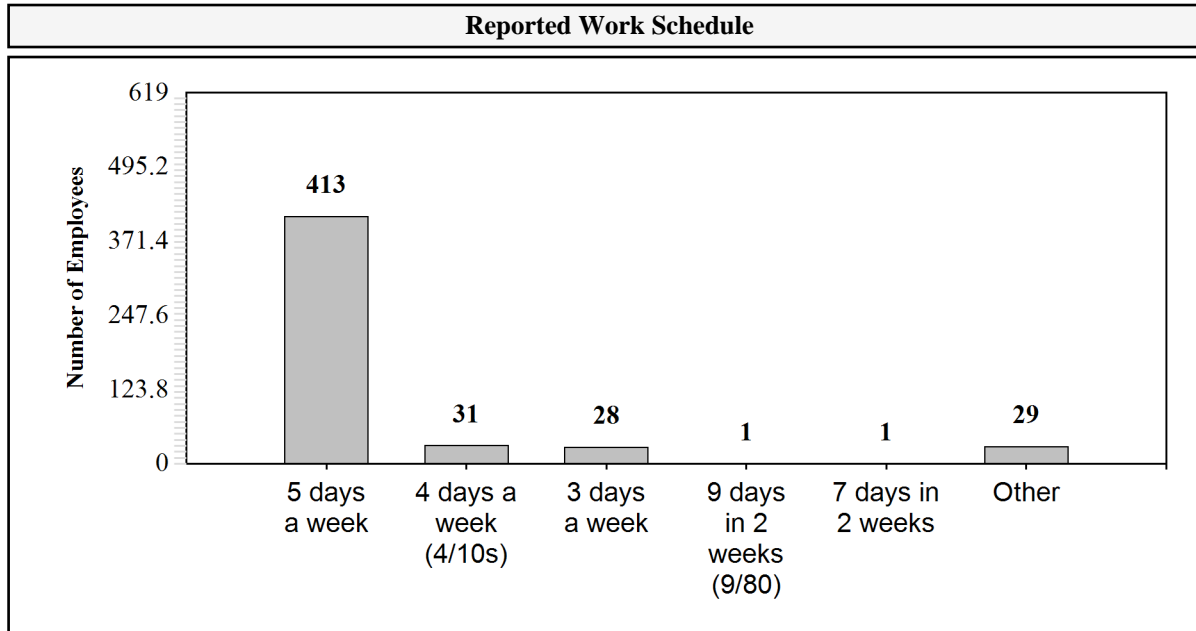
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	119
3	Carpool	5
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

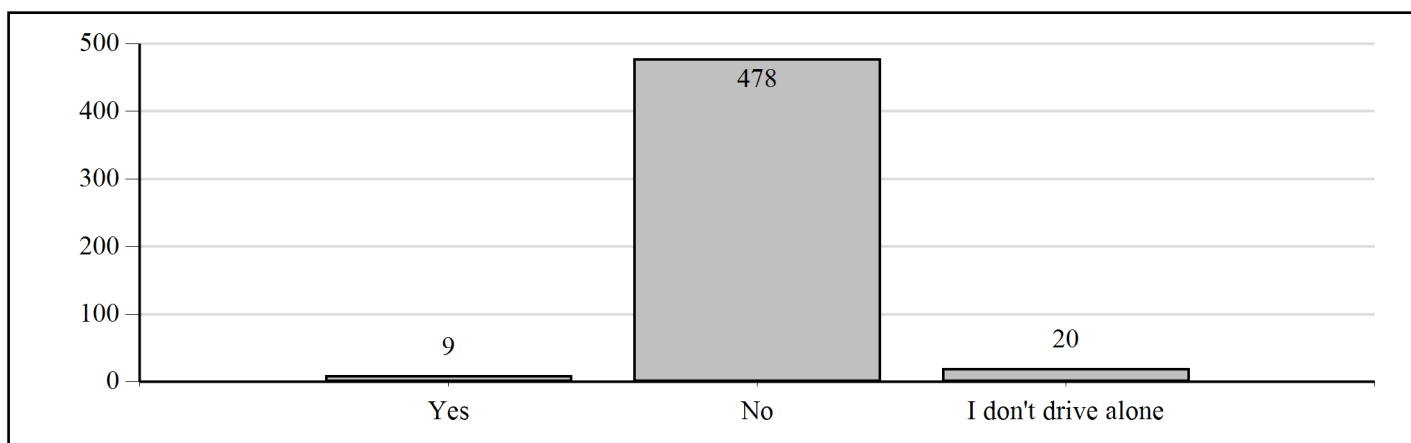
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	413	82.1%
4 days a week (4/10s)	31	6.2%
3 days a week	28	5.6%
9 days in 2 weeks (9/80)	1	0.2%
7 days in 2 weeks	1	0.2%
Other	29	5.8%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.2%
I don't telework	254	50.1%
Occasionally, on an as-needed basis	112	22.1%
1-2 days/month	39	7.7%
1 day/week	60	11.8%
2 days/week	26	5.1%
3 days/week	15	3.0%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I have the option of teleworking	142	16.1%
Environmental and community benefits	133	15.1%
Personal health or well-being	111	12.6%
To save money	108	12.3%
Other	93	10.6%
Free or subsidized bus, train, vanpool pass or fare benefit	80	9.1%
Financial incentives for carpooling, bicycling or walking.	55	6.2%
Driving myself is not an option	52	5.9%
To save time using the HOV lane	33	3.7%
Emergency ride home is provided	27	3.1%
Cost of parking or lack of parking	22	2.5%
Preferred/reserved carpool/vanpool parking is provided	19	2.2%
I receive a financial incentive for giving up my parking space	6	0.7%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	335	27.8%
I like the convenience of having my car	294	24.4%
Family care or similar obligations	183	15.2%
Other	111	9.2%
My commute distance is too short	96	8.0%
Bicycling or walking isn't safe	90	7.5%
My job requires me to use my car for work	71	5.9%
I need more information on alternative modes	19	1.6%
There isn't any secure or covered bicycle parking	7	0.6%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98444	39	7.69%	86	12	0	0	0	0	13	84	8	0	2	0	2
98407	31	6.11%	116	4	0	0	5	0	0	0	23	2	0	0	5
98406	29	5.72%	99	14	0	0	4	0	3	2	11	0	0	0	2
98466	27	5.33%	127	0	0	0	0	2	0	0	8	0	0	0	0
98387	23	4.54%	106	5	0	0	0	0	0	0	1	0	0	0	0
98373	20	3.94%	84	9	0	0	5	0	0	0	1	0	0	0	0
98405	18	3.55%	78	6	0	0	1	0	0	0	4	0	0	0	0
98498	17	3.35%	86	3	0	0	2	0	0	0	0	0	0	0	0
98374	16	3.16%	70	7	0	0	0	0	0	0	2	1	0	0	0
98375	15	2.96%	69	7	0	0	0	0	0	0	2	0	2	0	0
98445	15	2.96%	58	9	0	0	2	0	0	0	0	0	0	0	0
98338	14	2.76%	60	0	0	0	0	0	0	0	10	0	0	0	0
98499	14	2.76%	51	7	0	0	2	0	0	0	3	0	0	0	0
98335	11	2.17%	52	4	0	0	0	0	0	0	4	2	0	0	0
98408	10	1.97%	43	1	0	0	3	0	1	0	1	0	0	0	0
98501	10	1.97%	40	3	0	0	0	0	0	0	4	0	0	0	0
98332	9	1.78%	34	7	0	0	0	0	0	0	2	0	0	0	0
98371	9	1.78%	42	5	0	0	0	0	0	0	0	0	0	0	0
98403	9	1.78%	33	0	0	0	3	0	0	0	13	0	0	0	0
98391	8	1.58%	29	8	0	0	0	0	0	0	0	0	0	0	0
98409	8	1.58%	31	0	0	2	3	0	1	0	0	0	0	0	1
98418	7	1.38%	25	0	0	0	7	0	3	0	1	0	0	0	0
98328	6	1.18%	28	0	0	0	0	0	0	0	0	1	0	0	0
98404	6	1.18%	27	0	0	0	0	0	5	0	0	0	0	0	0
98467	6	1.18%	28	0	0	0	0	0	1	0	0	0	0	0	0
98446	5	0.99%	24	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98003	4	0.79%	16	2	0	0	0	0	0	0	0	0	0	0	2
98023	4	0.79%	19	0	0	0	0	0	0	0	1	0	0	0	0
98059	4	0.79%	19	0	0	0	0	0	0	0	0	0	0	0	0
98112	4	0.79%	14	2	0	0	1	0	1	0	1	0	0	0	0
98372	4	0.79%	20	0	0	0	0	0	0	0	0	0	0	0	0
98390	4	0.79%	18	0	0	0	0	0	0	2	2	0	0	0	0
98402	4	0.79%	16	0	0	4	1	0	0	0	0	0	0	0	0
98422	4	0.79%	20	0	0	0	0	0	0	0	0	0	0	0	0
98447	4	0.79%	7	0	0	0	0	0	0	12	0	0	0	0	0
98580	4	0.79%	17	0	0	0	0	0	0	0	0	0	0	0	0
98092	3	0.59%	14	0	0	0	0	0	0	0	1	0	0	0	0
98103	3	0.59%	10	0	0	0	0	1	0	0	3	0	0	0	0
98321	3	0.59%	14	0	0	0	0	0	0	0	0	0	0	0	1
98360	3	0.59%	15	0	0	0	0	0	0	0	0	0	0	0	0
98388	3	0.59%	9	0	0	0	5	0	0	0	0	0	0	0	0
98443	3	0.59%	10	0	0	0	0	0	4	0	0	0	0	0	0
98465	3	0.59%	15	0	0	0	0	0	0	0	0	0	0	0	0
98503	3	0.59%	10	2	0	0	0	0	0	0	3	0	0	0	0
98506	3	0.59%	12	0	0	0	0	0	0	0	0	0	0	0	0
98512	3	0.59%	13	0	0	0	0	0	0	0	1	0	0	0	0
98002	2	0.39%	12	0	0	0	0	0	0	0	2	0	0	0	0
98008	2	0.39%	8	0	0	0	0	0	0	0	2	0	0	0	0
98038	2	0.39%	9	0	0	0	0	0	0	0	0	0	0	0	0
98042	2	0.39%	10	0	0	0	0	0	0	0	0	0	0	0	0
98106	2	0.39%	8	0	0	0	0	0	0	0	0	0	0	0	0
98115	2	0.39%	6	3	0	0	0	0	0	0	0	0	0	0	0
98125	2	0.39%	8	0	0	0	0	0	0	0	1	0	0	0	0
98136	2	0.39%	7	1	0	0	0	0	0	0	2	0	0	0	0
98327	2	0.39%	9	1	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98329	2	0.39%	8	0	0	0	0	0	0	0	0	0	0	0	0
98333	2	0.39%	9	0	0	0	0	0	0	0	0	0	0	0	0
98439	2	0.39%	5	1	0	0	4	0	0	0	0	0	0	0	0
98502	2	0.39%	7	0	0	0	0	0	0	0	0	0	0	0	0
98513	2	0.39%	7	0	0	0	0	0	0	0	2	0	0	0	0
98516	2	0.39%	5	0	0	0	0	0	0	0	1	0	0	0	0
98597	2	0.39%	9	0	0	1	0	0	0	0	0	0	0	0	0
85326	1	0.20%	0	0	0	0	0	0	0	0	7	0	0	0	0
98001	1	0.20%	3	0	0	0	0	0	0	0	0	0	0	0	0
98012	1	0.20%	3	0	0	0	0	0	0	0	0	0	0	0	0
98033	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98058	1	0.20%	6	0	0	0	0	0	0	0	1	0	0	0	0
98065	1	0.20%	6	0	0	0	0	0	0	0	0	0	0	0	0
98070	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98102	1	0.20%	3	0	0	0	0	0	0	0	0	0	0	0	0
98107	1	0.20%	3	0	0	0	0	0	0	0	2	0	0	0	0
98109	1	0.20%	1	0	0	0	0	0	0	0	0	0	0	0	0
98118	1	0.20%	2	1	0	0	0	0	0	0	2	0	0	0	0
98126	1	0.20%	4	0	0	0	0	0	0	0	1	0	0	0	0
98155	1	0.20%	4	0	0	0	0	0	0	0	0	0	0	0	0
98178	1	0.20%	3	0	0	0	0	0	0	0	0	0	0	0	0
98198	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98359	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98367	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98395	1	0.20%	4	0	0	0	0	0	0	0	0	0	0	0	0
98474	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98576	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98592	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
99224	1	0.20%	0	0	0	0	0	0	0	0	5	0	0	0	0



Weekly Count of Trips By Mode															
Other	Ferry (walk-on)	Ferry (Car/Van/Bus)	CWW	Telework	Walk	Bike	Train	Bus	Motorcycle	Vanpool	Carpool	Drive Alone	Employee Percentage	Total Employees	Home Zip code
0	0	0	0	0	0	0	0	0	0	0	0	7	0.20%	1	99833